STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING														
APPLICATION FOR PERMIT TO DRILL										1. WELL NAME and NUMBER GMBU X-6-9-16				
2. TYPE OF WORK DRILL NEW WELL REENTER P&A WELL DEEPEN WEL							3. FIELD OR WILDCAT MONUMENT BUTTE							
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO								5. UNIT or COMMUNITIZATION AGREEMENT NAM GMBU (GRRV)					NAME	
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY									7. OPERATOR PHONE 435 646-4825					
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052										9. OPERATOR E-MAIL mcrozier@newfield.com				
	RAL LEASE NU L, INDIAN, OF		11. MINERAL OWNERSHIP FEDERAL I INDIAN STATE FEE				12. SURFACE OWNERSHIP FEDERAL INDIAN STATE FEE							
13. NAME		UTU-74390 OWNER (if box 1	.2 = 'fee')		FEDERAL IND	JAN) STATE(J FEE (14. SURFACE OWNER PHONE (if box 12 = 'fee')					
		ACE OWNER (if b)					16. SURFACE OWNER					
					8. INTEND TO COM	NTEND TO COMMINGLE PRODUCTION FROM				19. SLANT				
	an ALLOTTEE 2 = 'INDIAN')	OR TRIBE NAME		М	MULTIPLE FORMATIONS YES ((Submit Commingling Application) NO ()					VERTICAL (DIRECTIONAL (HORIZONTAL)				
20 100	ATION OF WE						TR-QTR			TOWNSHIP	RANGE			
					L 2077 FWL		NENW	7		9.0 S	16.0 E		S	
	ppermost Pro				IL 1615 FWL		NENW			9.0 S	16.0 E			
At Total	Depth		19	0 FSL	1188 FWL		SESW	6		9.0 S	16.0 E	_	S	
21. COUNTY				2	22. DISTANCE TO NEAREST					23. NUMBER OF ACRES IN DRILLING UNIT				
	·	DUCHESNE				1188 ISTANCE TO NEAREST WELL IN SAME POOL ied For Drilling or Completed)				20 26. PROPOSED DEPTH				
22 5151	4.T.O.V. CDO.	IND LEVE					82	2 MD. 0440 TVD. 0440						
27. ELEVATION - GROUND LEVEL 5938					28. BOND NUMBER WYB000493					29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478				
		3336			Hole, Casing,		ement Information							
String	Hole Size	Casing Size	Length	Weig	ht Grade & Th	read	Max Mu	d Wt.		Cement	Sack	s Yield	Weight	
Surf	12.25	8.625	0 - 300	24.0			8.3		Class G		138		15.8	
Prod	7.875	5.5	0 - 6446	15.	5 J-55 LT8	&C	8.3	3	Premium Lite High Strength 50/50 Poz		gth 307 363	3.26	11.0	
					Α	ITACF	HMENTS							
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES														
WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER								COMPLETE DRILLING PLAN						
AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)							FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER							
DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)							✓ TOPOGRAPHICAL MAP							
NAME Mandie Crozier TITLE Regulatory Tech								PHONE 435 646-4825						
SIGNATURE DATE 05/						3/2011 EM			EMA:	AIL mcrozier@newfield.com				
API NUMBER ASSIGNED 43013507290000					APPROVAL			J.	Permit Manager					

T9S, R16E, S.L.B.&M. **Bottom** of Hole Center of Pattern S89°56'E - 77.76 (G.L.O.) N89'12'49"E N89°17'24"E - 2646.60' (Meas.) 2492.06' (Meas. 1910 1910 1430 1910 Brass Cap Brass Cap Brass Cap (Meas. 2077 Lot 1 2642.26 2647.55 of Hole DRILLING WINDOW Proposed Well Head Drilling W.01,15.00N Window Lot 2 (G.L.O.) Detail No Scale 1910 1910 NORTH Brass Cap Brass Cap (Meas.) WELL LOCATION: Lot 3 X-6-9-16 40, ELEV. EXIST. GRADED GROUND = 5938' 2645. 2643. VO1.03'55"W VOO"51"37"W Lot 4 1910 1910 1910 Brass Cap Brass Cap Brass Cap N89°05'18"E - 2646.04' (Meas.) N89°21'05"E - 2509.14' (Meas.) S89'56'E - 78.00 (G.L.O.) = SECTION CORNERS LOCATED X-6-9-16 BASIS OF ELEV; Elevations are base on (Surface Location) NAD 83 LOCATION: an N.G.S. OPUS Correction. $LATITUDE = 40^{\circ} 03' 03.99''$ LAT. 40°04'09.56" LONG. 110°00'43.28" LONGITUDE = 110° 09' 49.05" (Tristate Aluminum Cap) Elev. 5281.57'

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, X-6-9-16, LOCATED AS SHOWN IN THE NE 1/4 NW 1/4 OF SECTION 7, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



NOTES:

- 1. Well footages are measured at right angles to the Section Lines.
- 2. Bearings are based on Global Positioning Satellite observations.
- 3. Center of Pattern Footages are 20' FNL & 1430' FWL

THIS IS TO CERTIFY THAT THE ABOVE PET WAS PREPARED FROM FIELD OF ACTUAL SURVEYS MADE BY ME OR UNDER WY SUPPRESSION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE WAS BEING. 189377

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

DATE SURVEYED: 11-03-10	SURVEYED BY: T.P.
DATE DRAWN: 11-26-10	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

T9S, R16E, S.L.B.&M.

S89'57'E - 77.68 (G.L.O.) N89°13'44"E - 2639.32' (Meas.) N89°16'14"E - 2487.09' (Meas.) 1910 1910 Brass Cap Brass Cap Brass Cap (Meas. LOT 1 LOT 2 LOT 3 LOT 4 2640.67' VOO-52'01"W TARGET BOTTOM HOLE: LOT 5 X-6-9-16(G.L.O.) 1910 Brass Cap NORTH 1910 Brass Cap S0.04'E (Meas.) LOT 6 40. 56 78.M LOT 7 05.000 **Bottom** of Hole Center of 1910 1188 Brass Pattern 1910 1910 Brass Cap Brass Сар N89°17'24"E - 2646.60' (Meas.) N89°12'49"E S89'56'E - 77.76 (G.L.O.) 2492.06' (Meas.)

BASIS OF ELEV; Elevations are base on LOCATION: an N.G.S. OPUS Correction. LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'



= SECTION CORNERS LOCATED

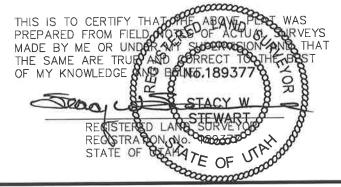
NEWFIELD EXPLORATION COMPANY

TARGET BOTTOM HOLE, X-6-9-16, LOCATED AS SHOWN IN THE SE 1/4 SW 1/4 OF SECTION 6, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



NOTES:

- 1. Well footages are measured at right angles to the Section Lines.
- 2. Bearings are based on Global Positioning Satellite observations.



TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

(/					
DATE SURVEYED: 11-03-10	SURVEYED BY: T.P.				
DATE DRAWN: 01-04-11	DRAWN BY: F.T.M.				
REVISED:	SCALE: 1" = 1000'				